

Agenda item 3.4.

Paragraph 14 (a) and 15 (b) of the annotated agenda

PMM001: Production of Ammonia through electrolysis of water, air separation and synthesis of hydrogen and nitrogen

PMM006: Fertilizer production with renewables-based ammonia

Methodological Expert Panel – 11th meeting

26 to 30 January 2026

Bonn, Germany



MEP010 considered the proposed mechanism methodology “PMM001: Production of ammonia through electrolysis of water, air separation and synthesis of hydrogen and nitrogen” and agreed to continue working on the proposed methodology at its next meeting. The proposed new methodology is intended for projects that produce less carbon-intensive ammonia, primarily with renewable electricity, for (i) Production of hydrogen (H₂) using electrolyzers to separate water into H₂ and oxygen (O₂), (ii) Production of nitrogen through air separation plants or other facilities that use renewable energy, and (iii) Synthesis of hydrogen and nitrogen to produce ammonia (Haber Bosch Process). The history of this bottom-up submission can be viewed on the UNFCCC website.

- Call with the submitter of PMM001 on **16 December 2025**



PMM006: Fertilizer production with renewables-based ammonia

07 - 27 January 2026 : Open for public input

No inputs have been received



Since PMM001 and PMM006 address largely similar activities, the small group will consider at MEP 011 the possibility of consolidating these two methodologies.



Additionally, please note that we have received a new methodology for Green Hydrogen Production. This submission is currently undergoing Initial Assessment (IA). We are awaiting further clarification and a revised version from the submitter.



Continue consideration of the proposed methodologies PMM001 and PMM006 at this meeting.

